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680	KMHDRLEPEDEESDADYDYQNRLAAALGIR	709	SEQ ID NO. 1
HC1	KMHDRLEPED		SEQ ID NO. 2
HC2	LEPEDEESDA		SEQ ID NO. 3
HC3	EESDADYDYQ		SEQ ID NO. 4
HC4	DYDYQNRLAA		SEQ ID NO. 5
HC5	NRLAAALGIR		SEQ ID NO. 6

FIG. 1

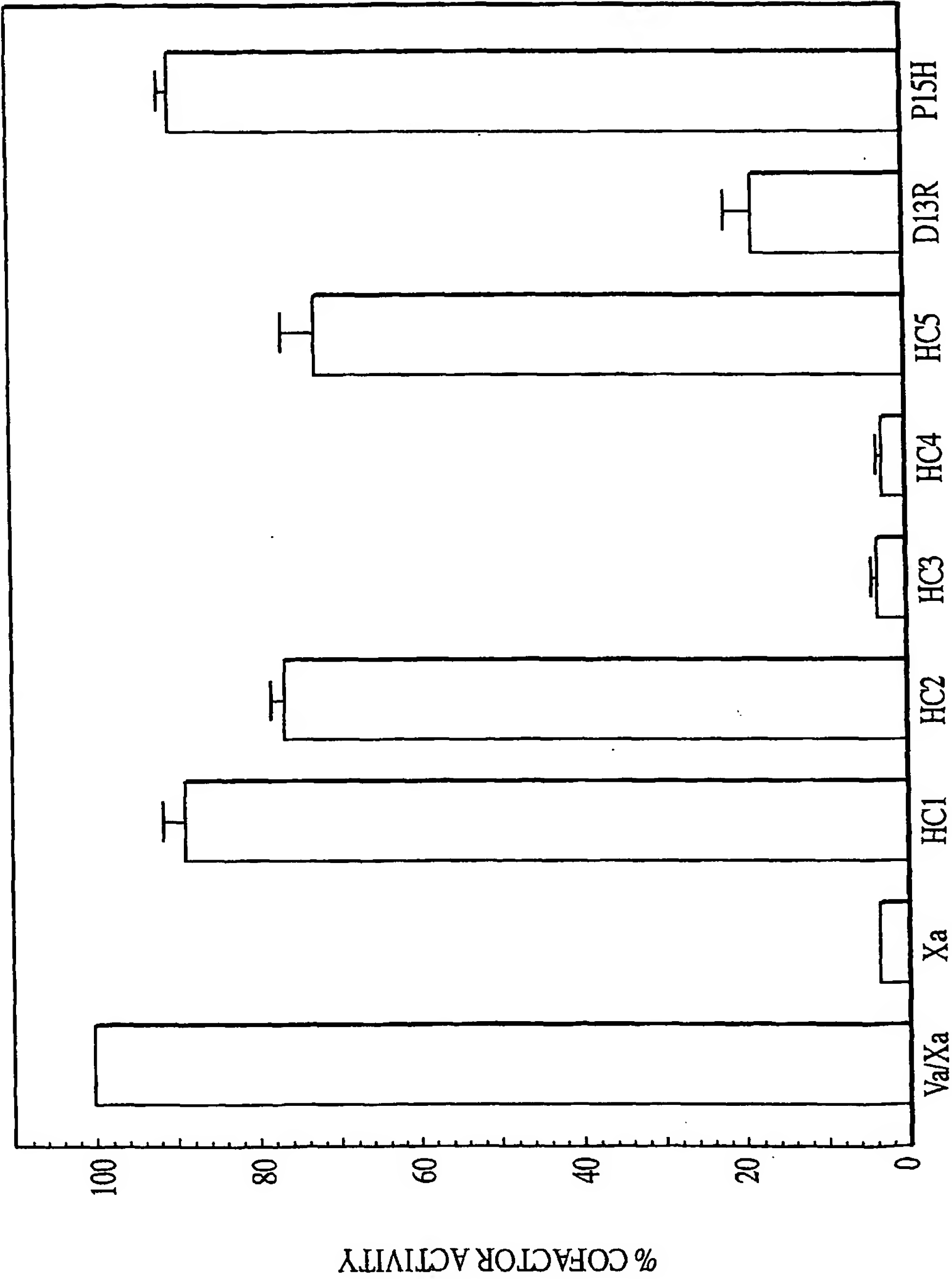


FIG. 2A

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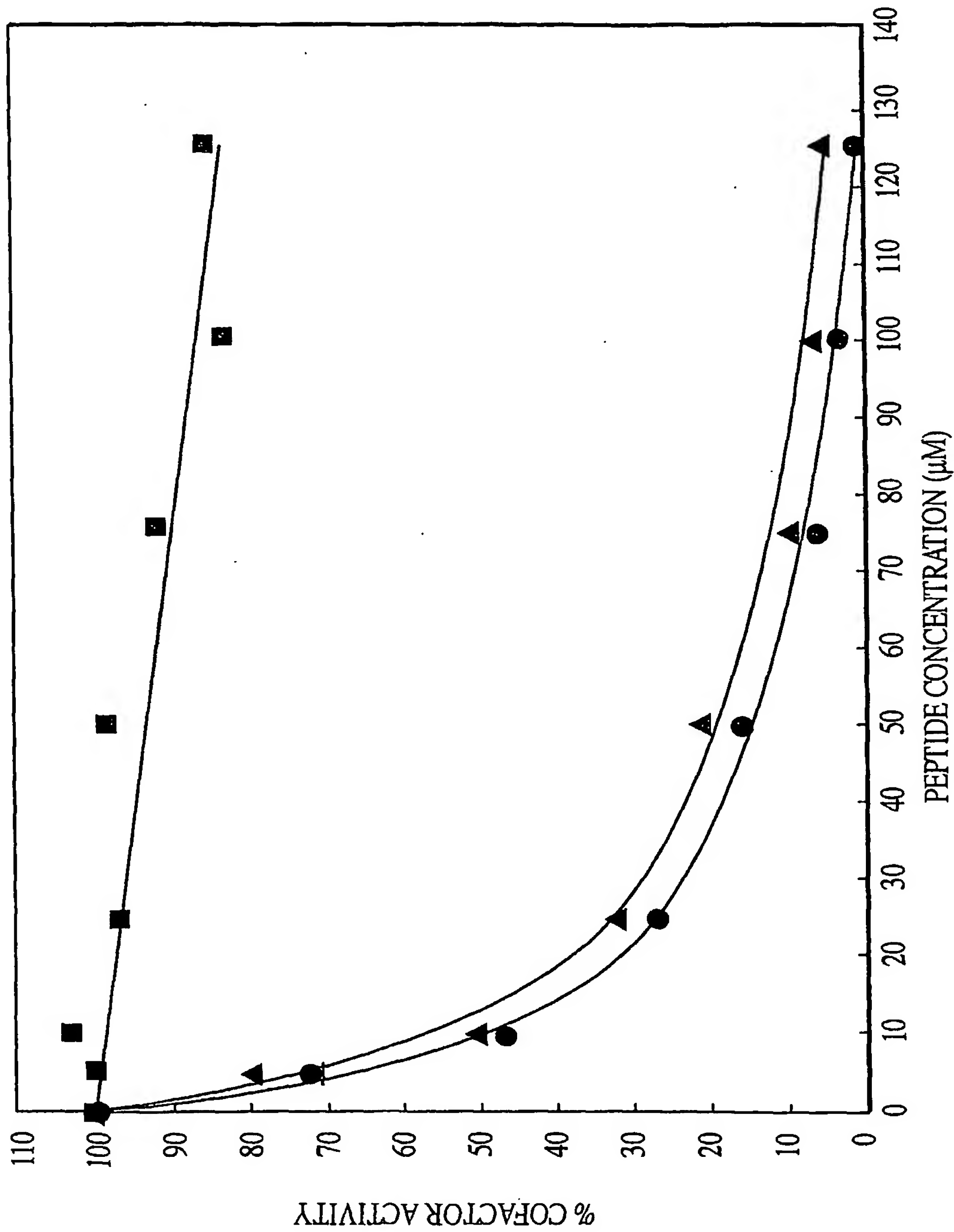


FIG. 2B

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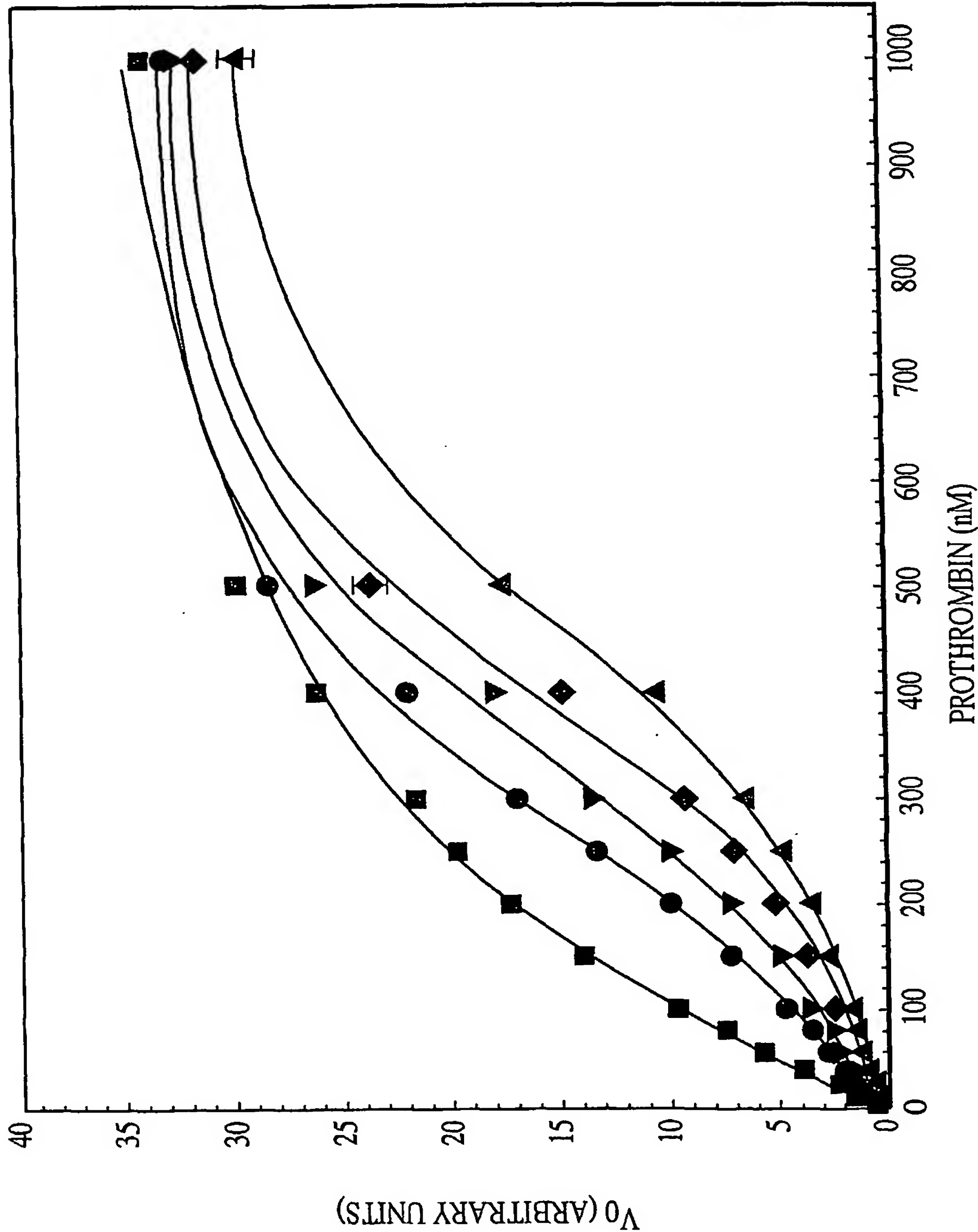


FIG. 2C

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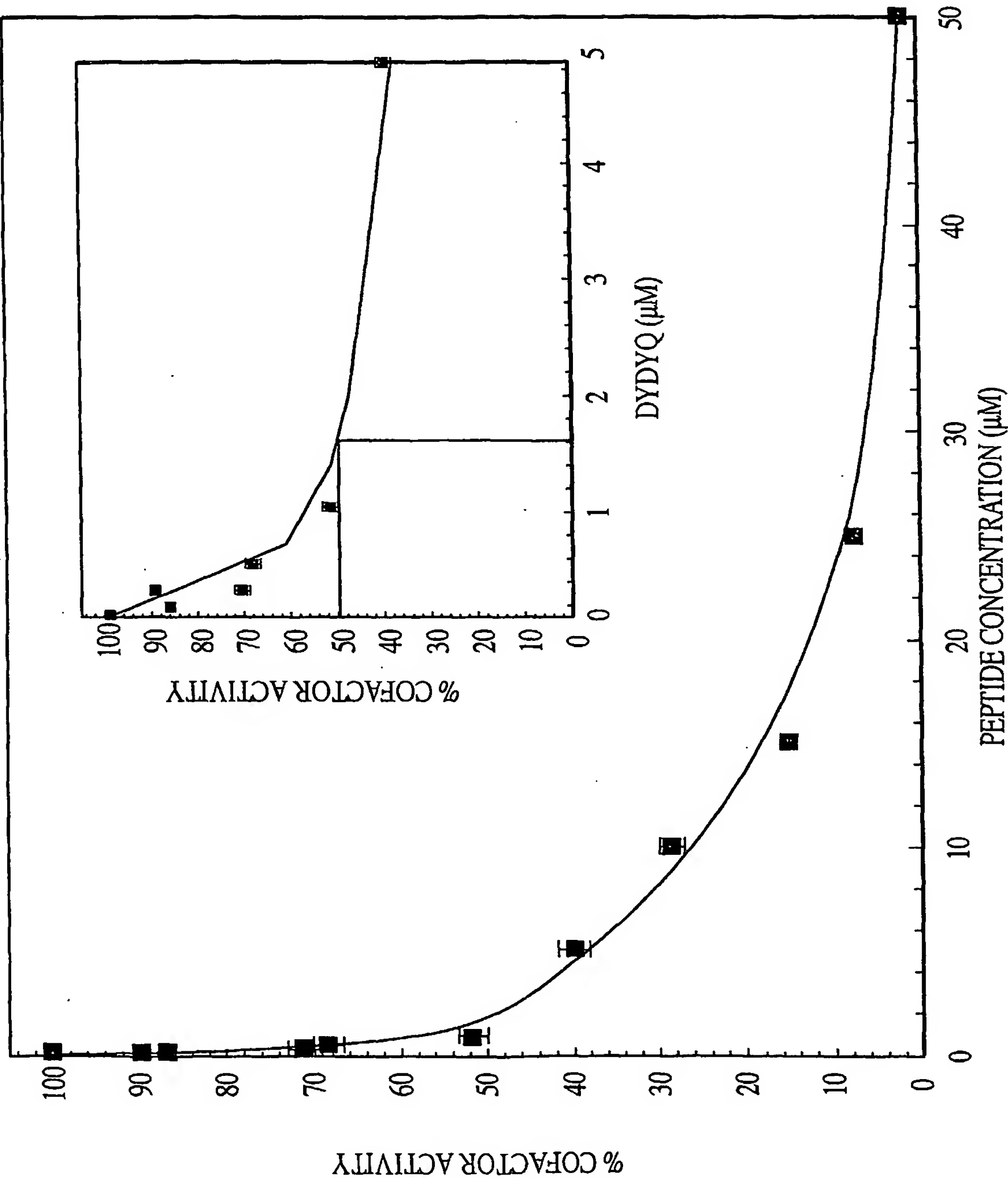


FIG. 3A

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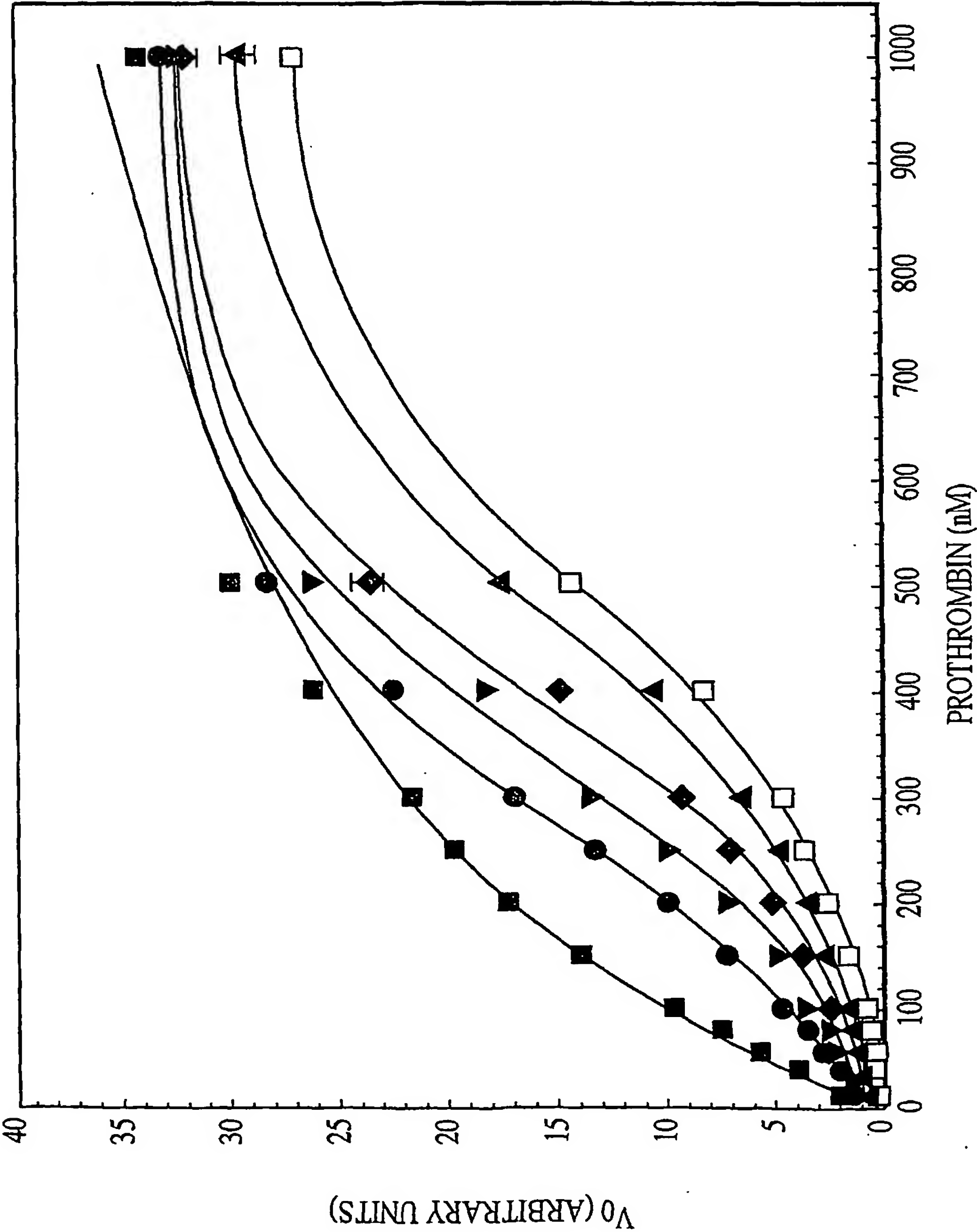


FIG. 3B

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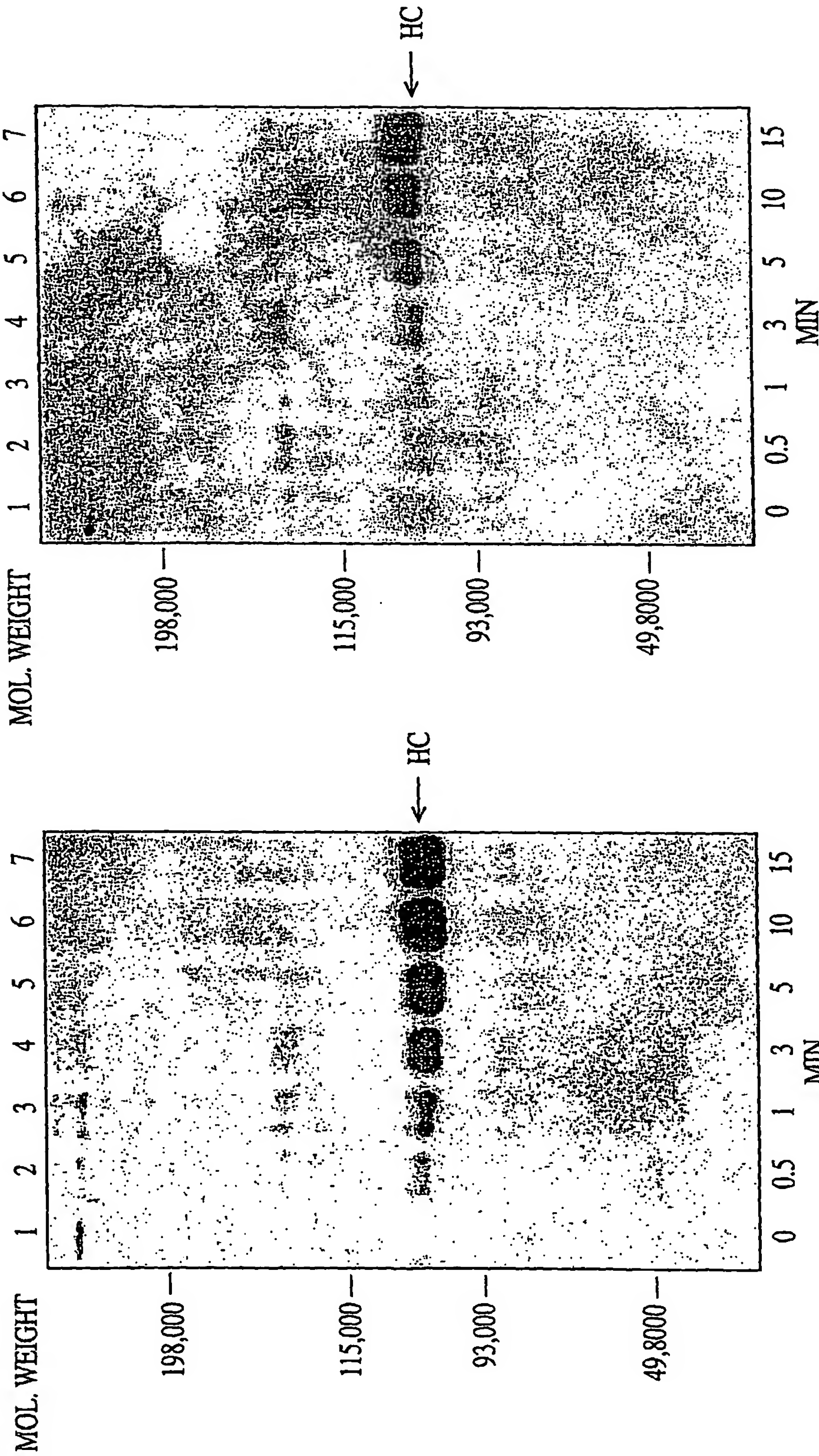


FIG. 4B

FIG. 4A

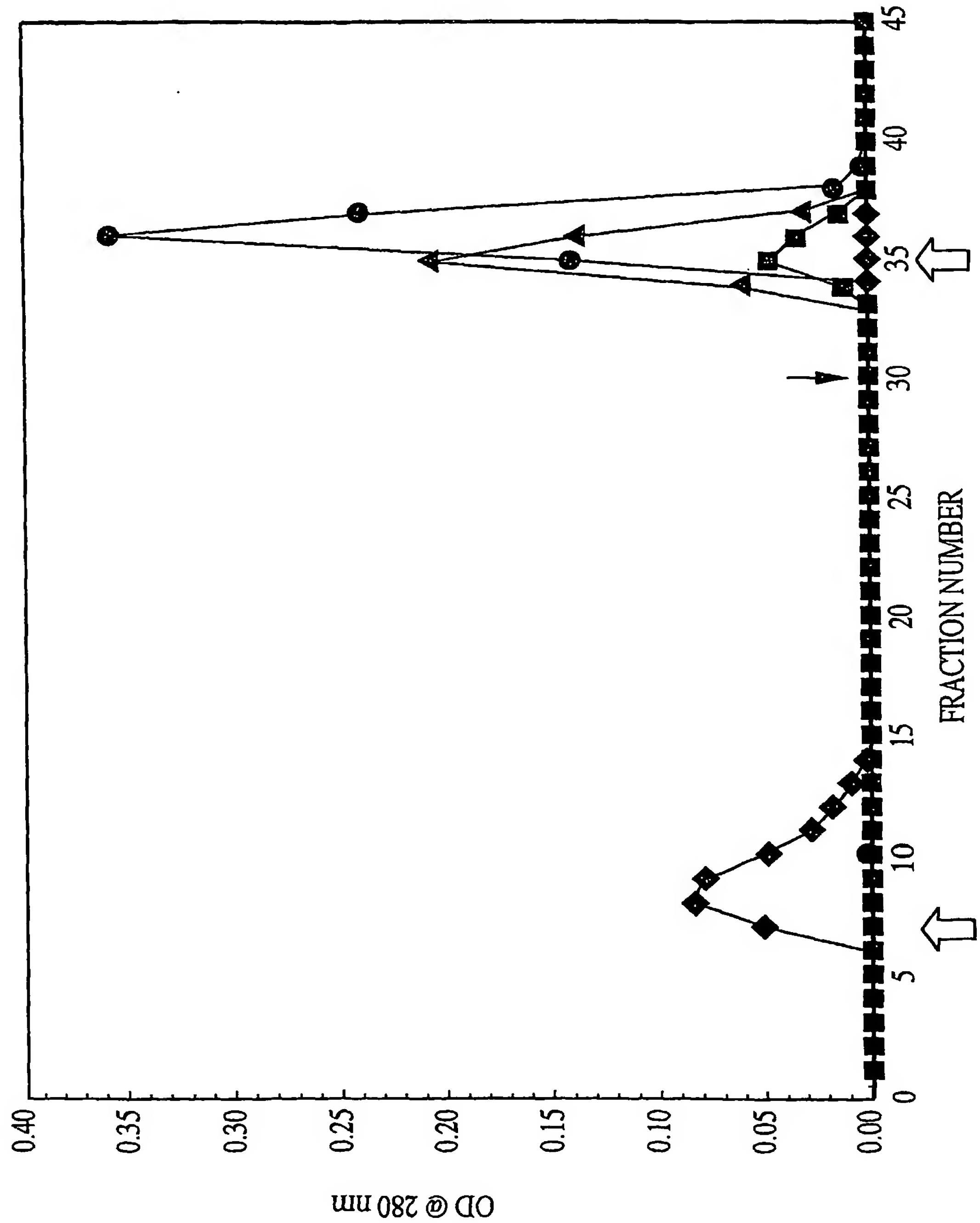


FIG. 5



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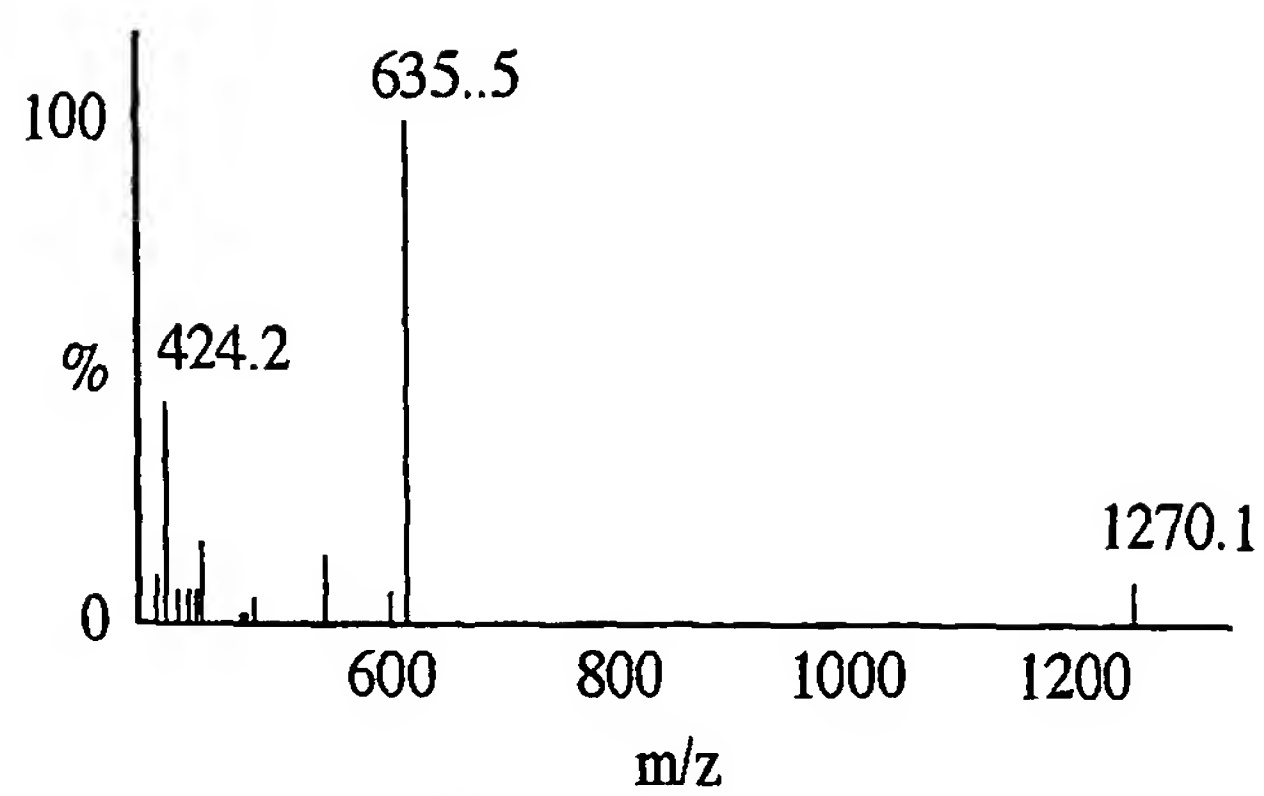


FIG. 5A

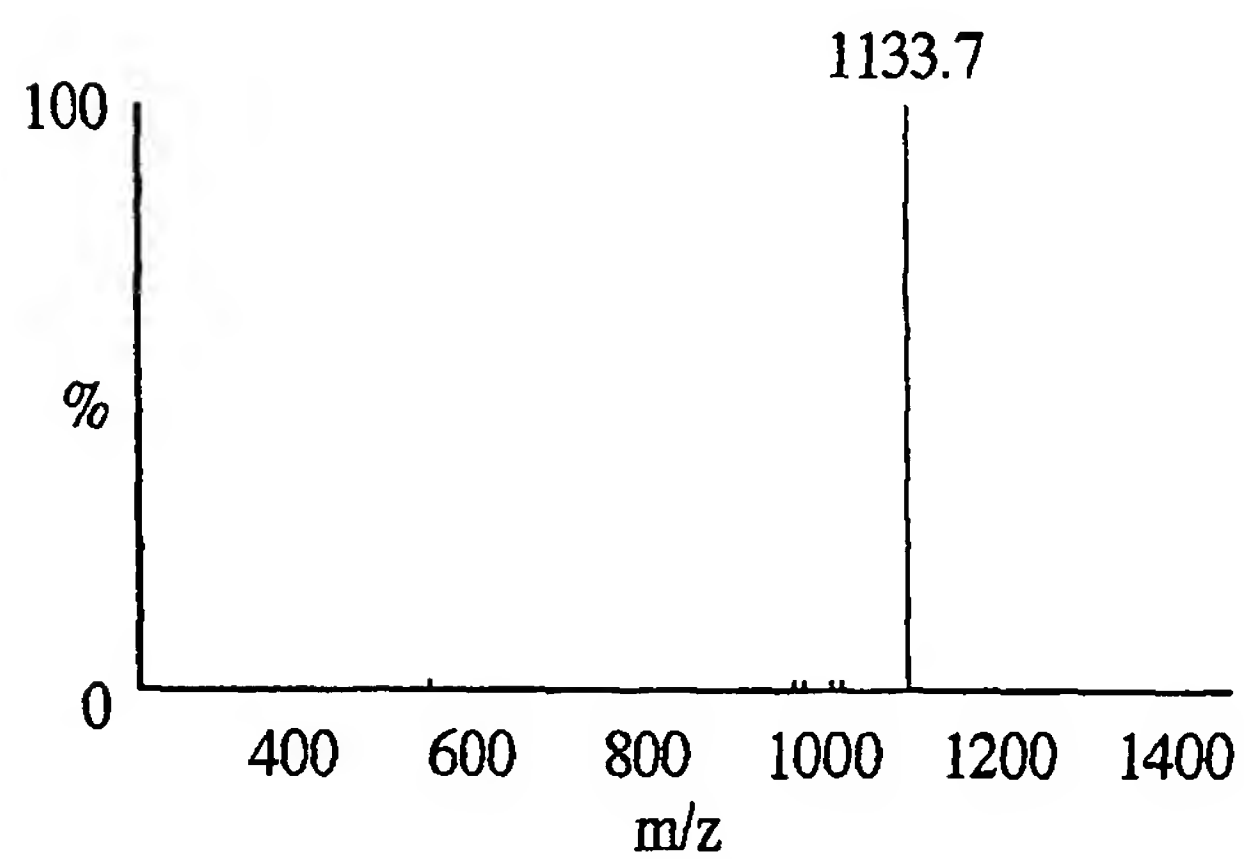


FIG. 5B

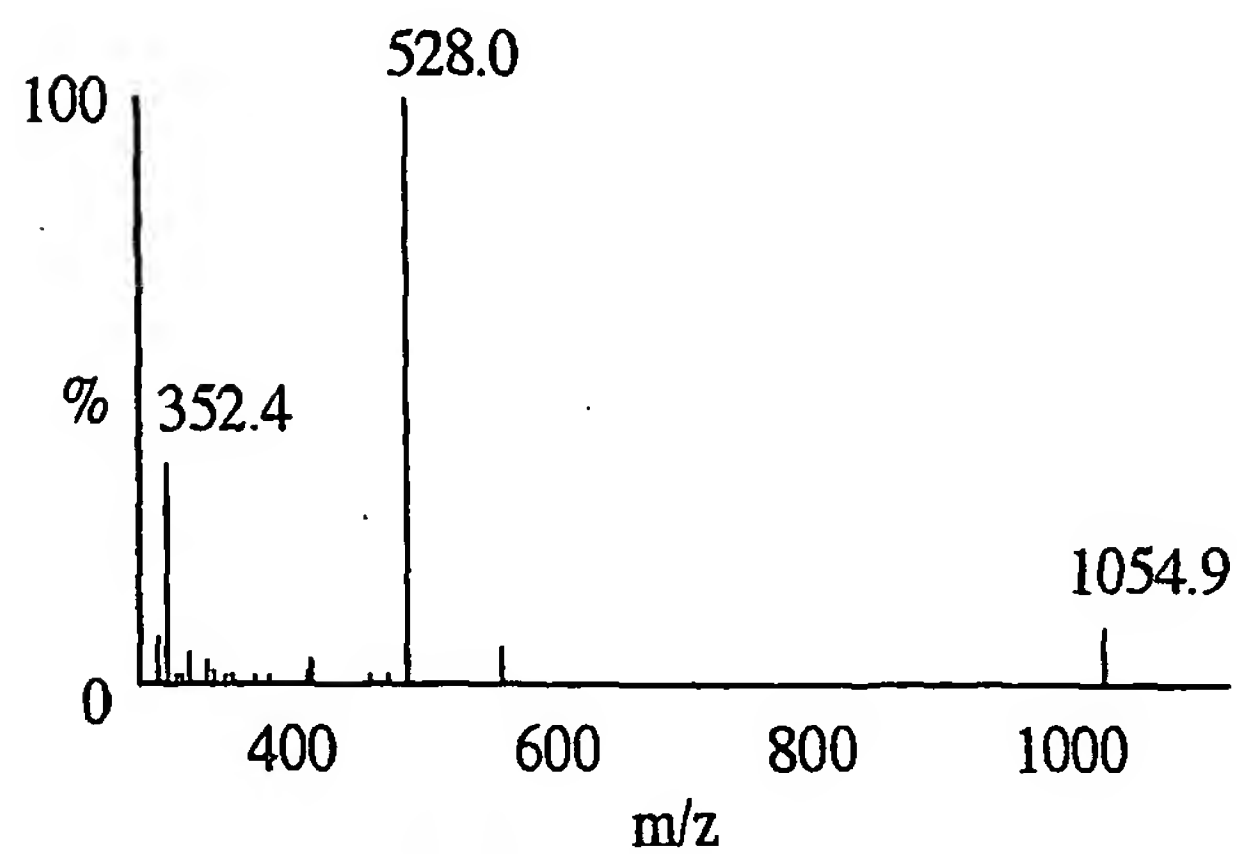


FIG. 5C

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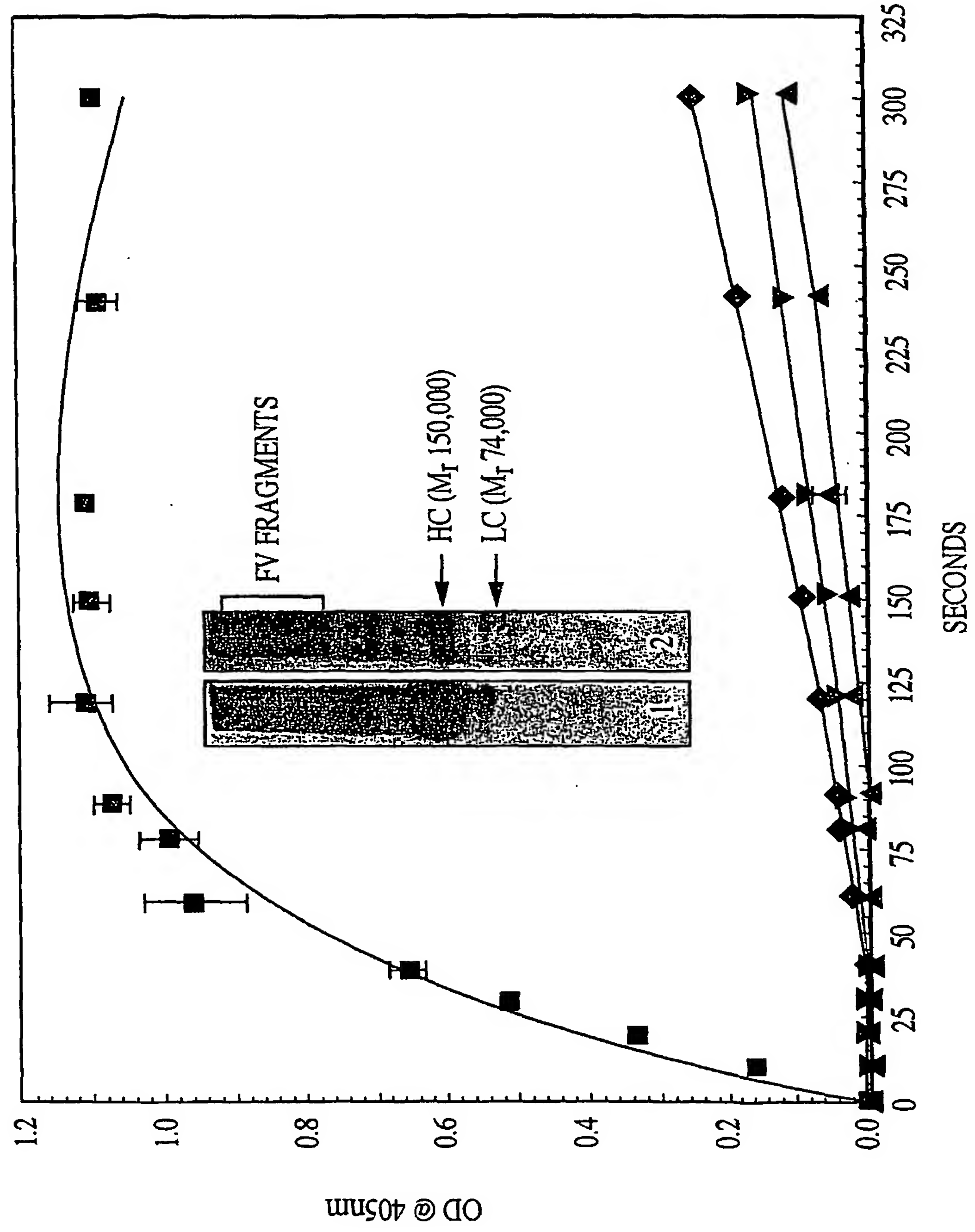


FIG. 6A

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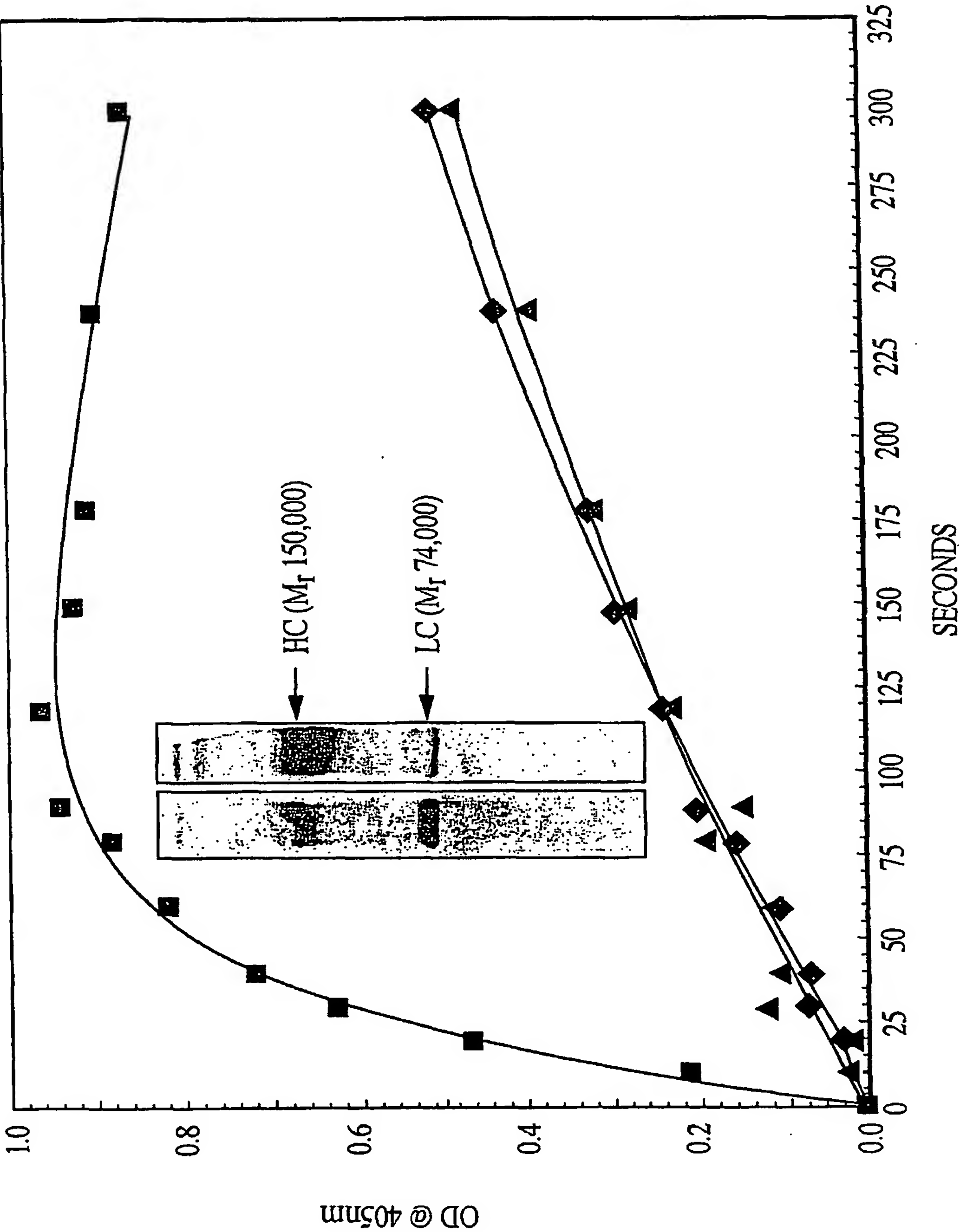


FIG. 6B

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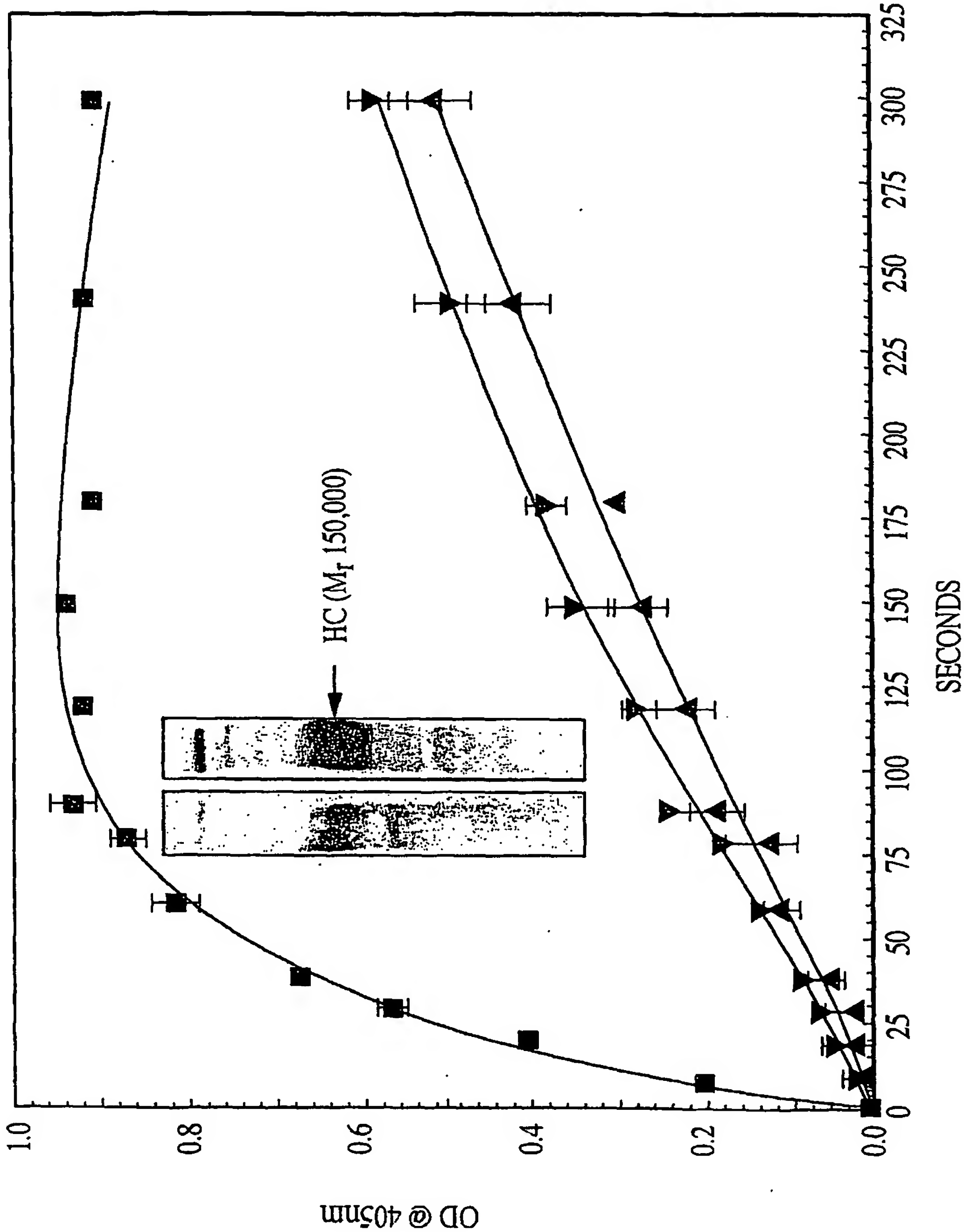
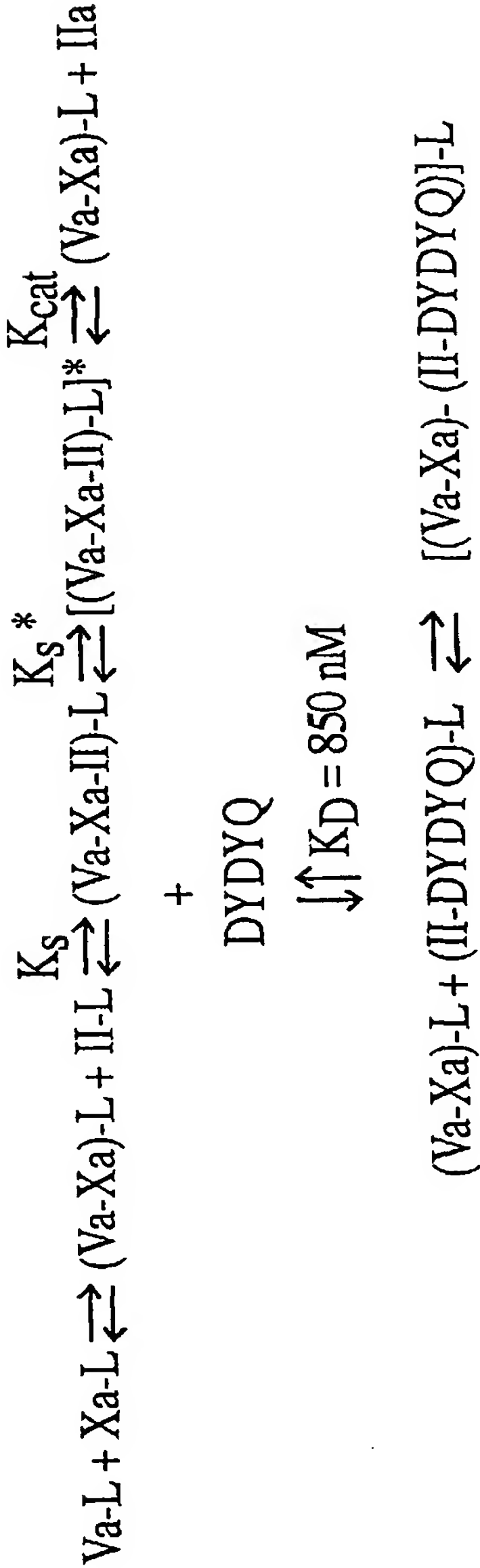


FIG. 6C

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$$\begin{array}{l} K_m = 0.39 \pm 0.02 \text{ }\mu\text{M} \approx K_S \\ K_{cat} = \frac{V_{max}(\text{obs})}{E_T} = 2.2 \pm 0.12 \text{ s}^{-1} \\ \frac{K_{cat}}{K_m} = 0.6 \times 10^7 \text{ M}^{-1}\text{s}^{-1} \end{array}$$

FIG. 7

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DY <sup>1</sup> DYQ   SO <sub>3</sub> <sup>2-</sup>	(D5Q1)	SEQ ID NO. 7
DYDY <sup>2</sup> Q   SO <sub>3</sub> <sup>2-</sup>	(D5Q2)	SEQ ID NO. 8
DY <sup>1</sup> DY <sup>2</sup> Q     SO <sub>3</sub> <sup>2-</sup> SO <sub>3</sub> <sup>2-</sup>	(D5Q1,2)	SEQ ID NO. 9

FIG. 8

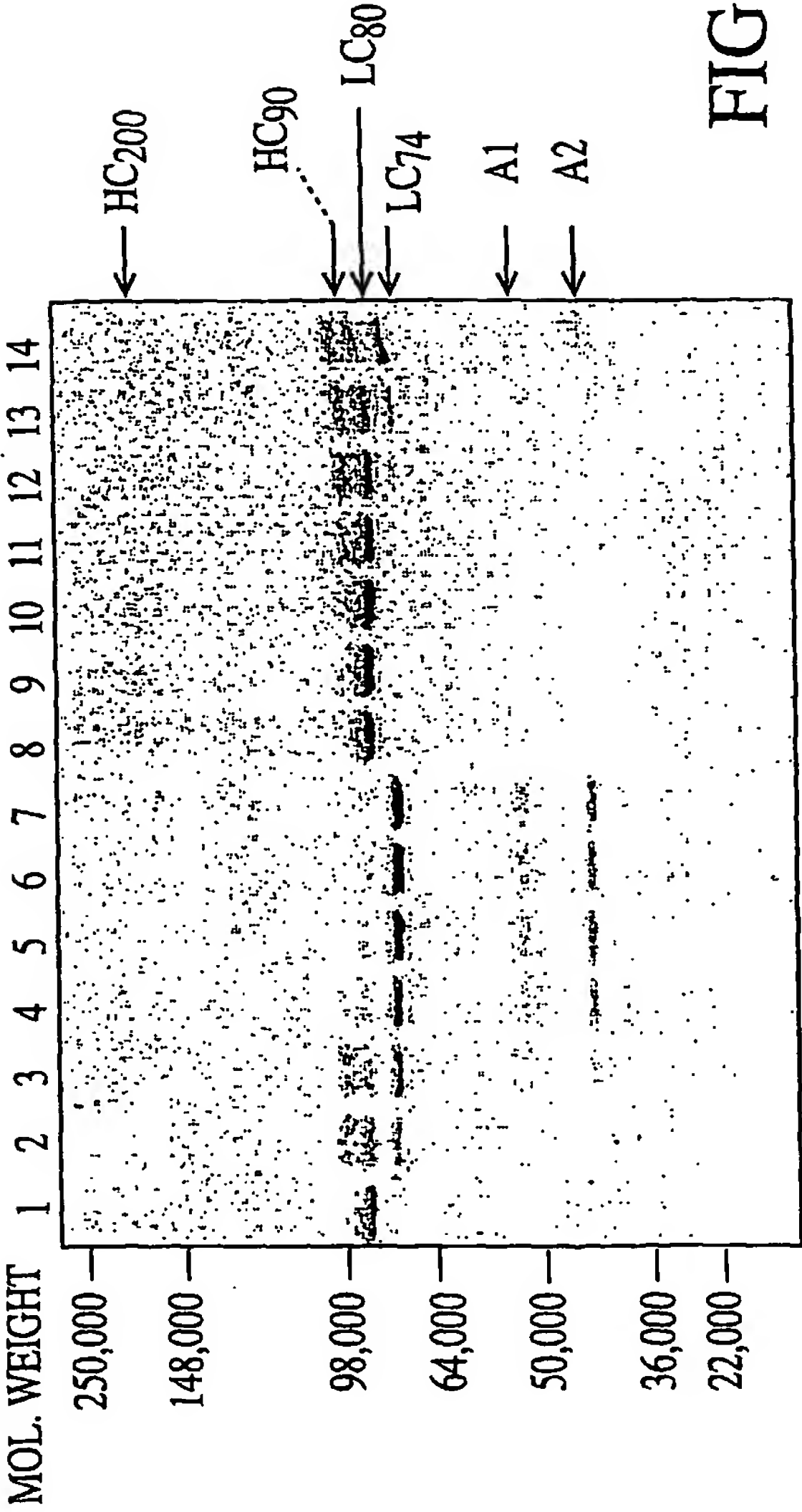


FIG. 9A

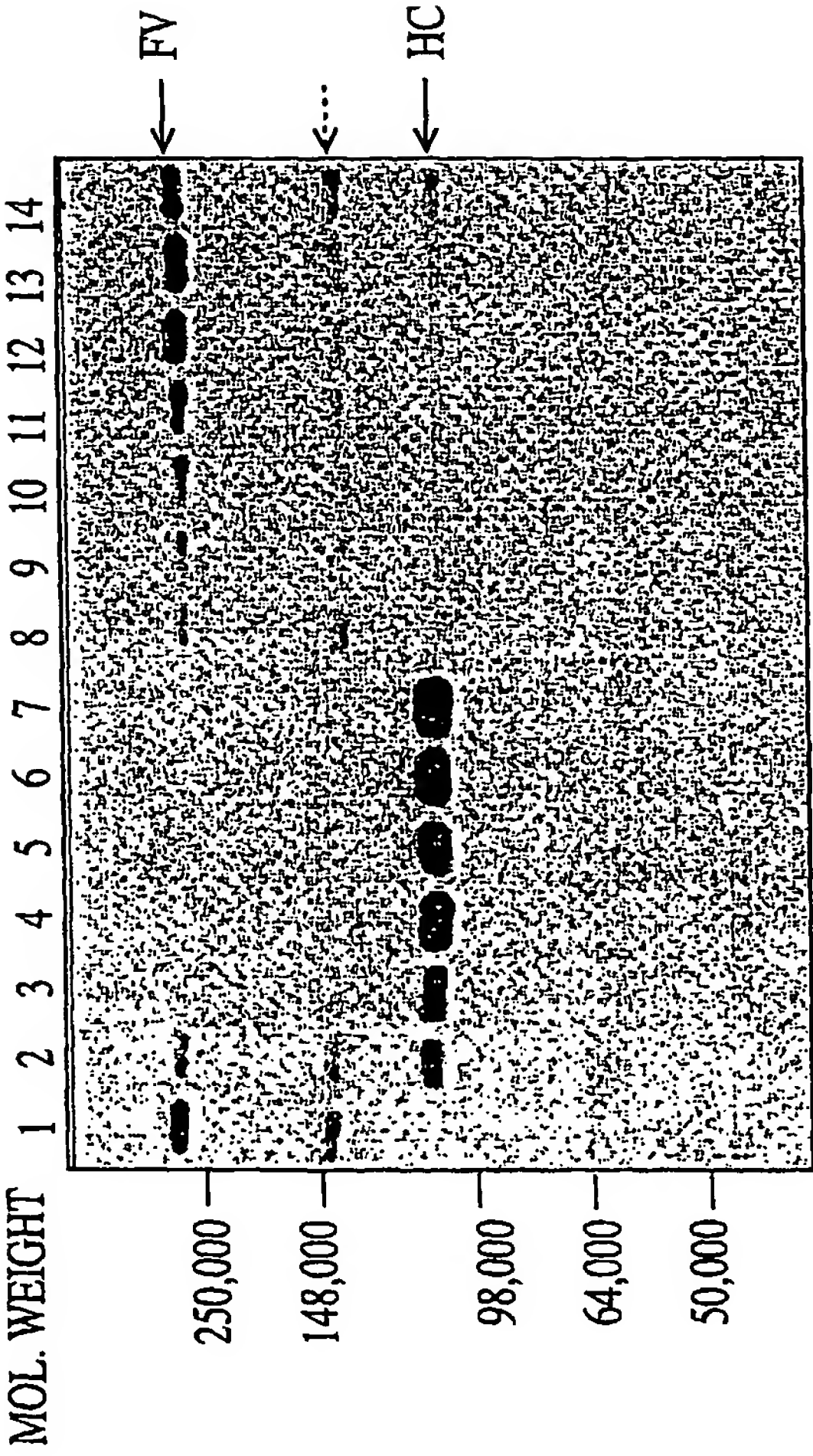


FIG. 9B

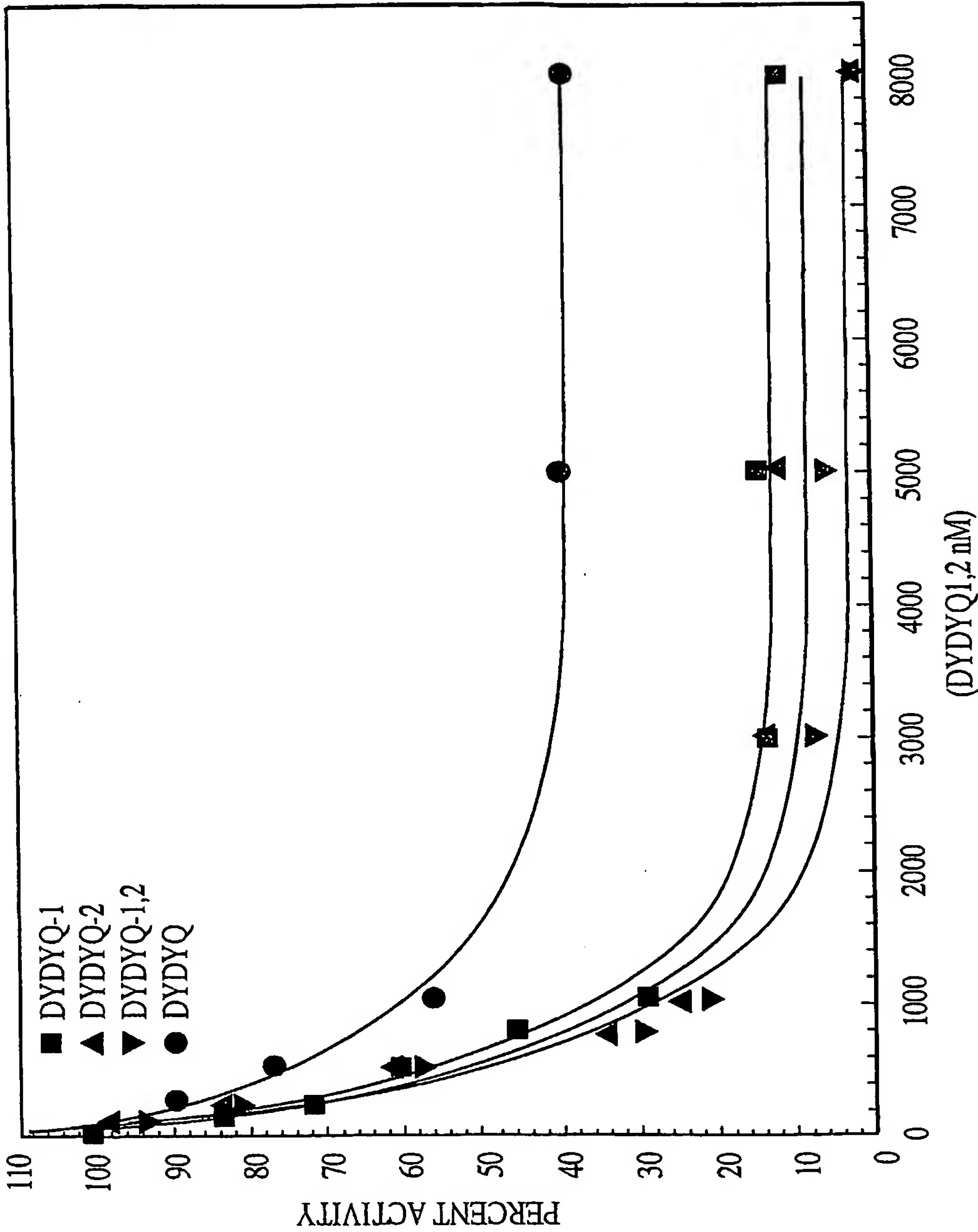


FIG. 10A



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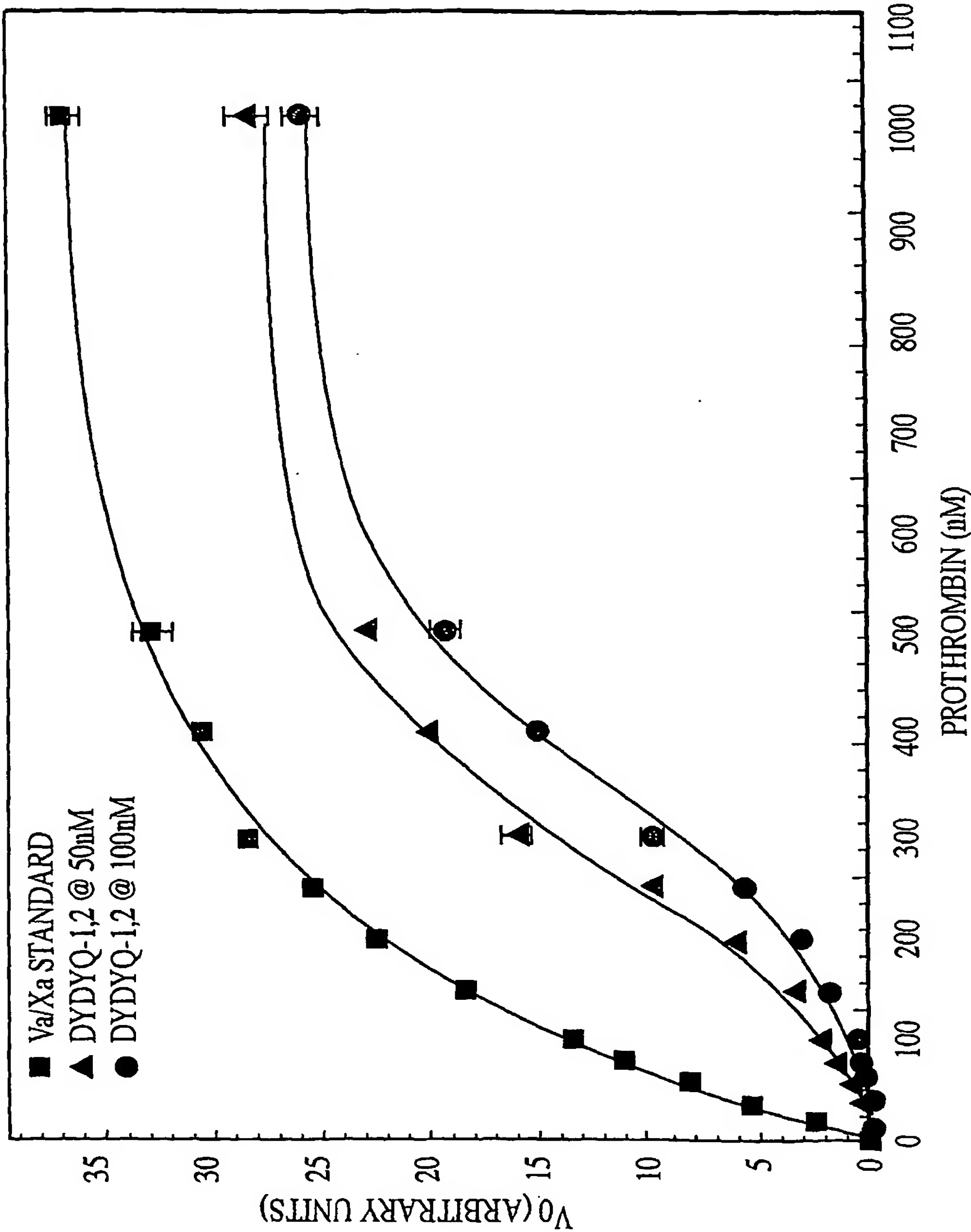


FIG. 10B

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INHIBITION OF INTRINSIC TENASE BY DYDYQ (1,2)

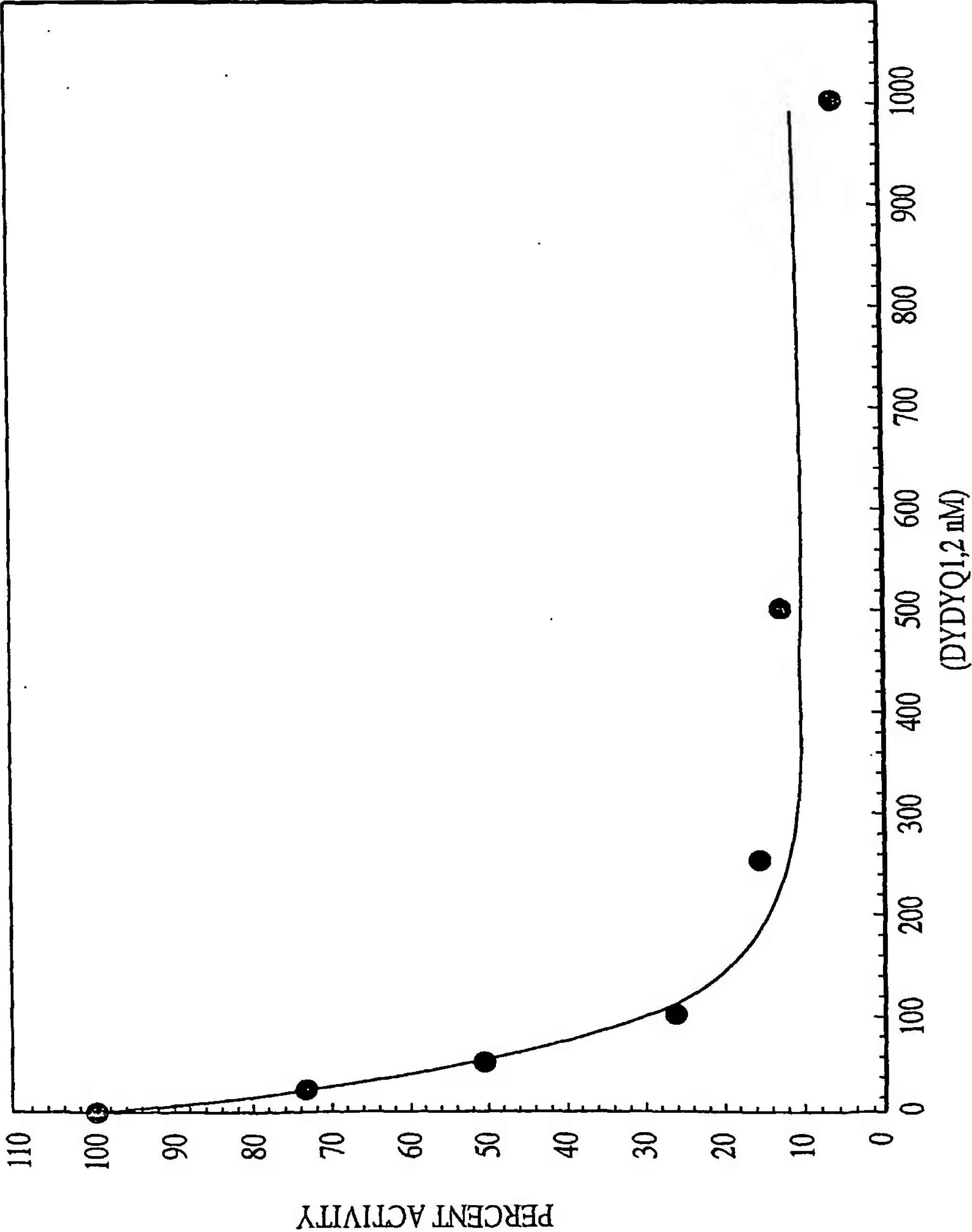


FIG. 11A

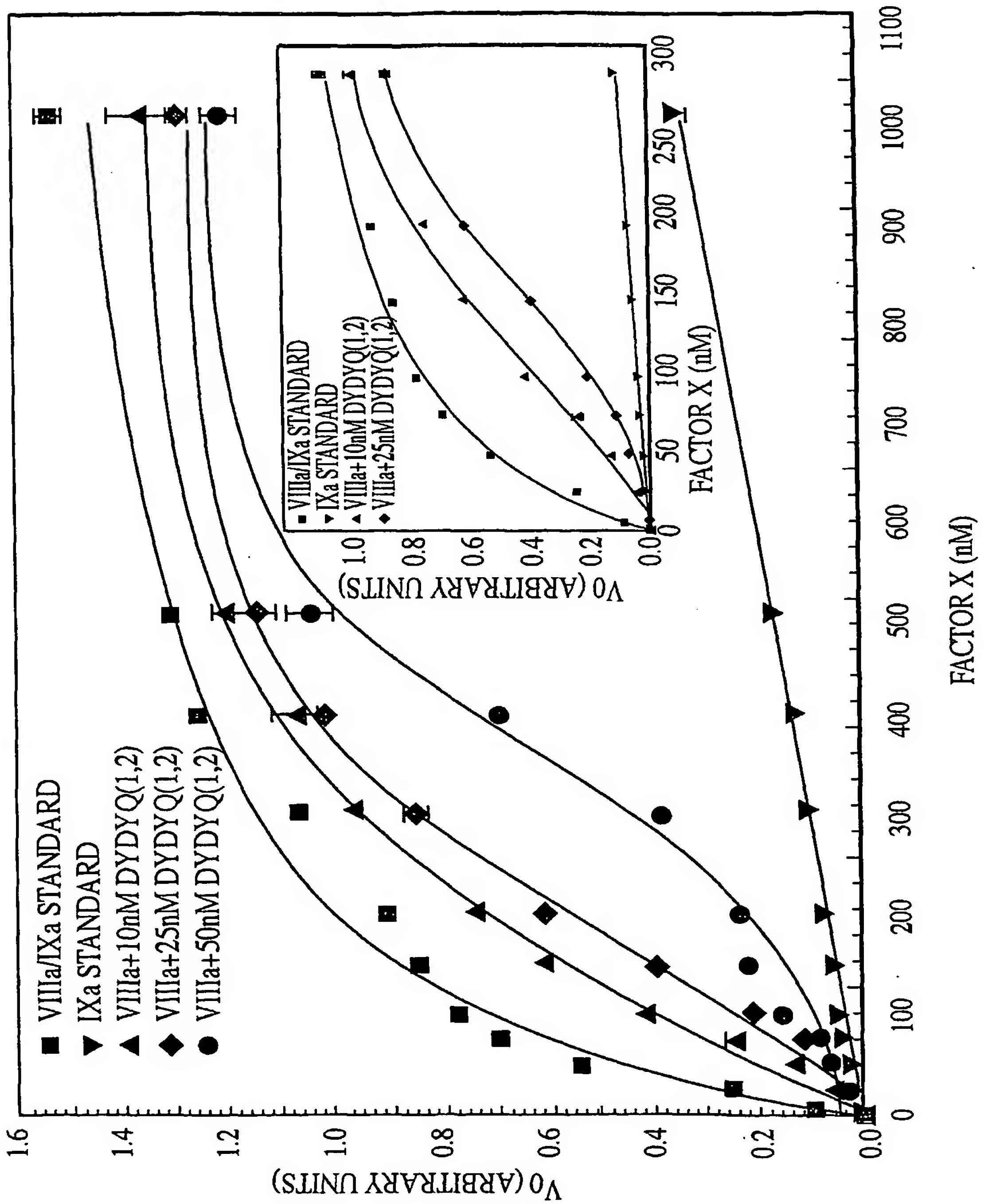


FIG. 11B

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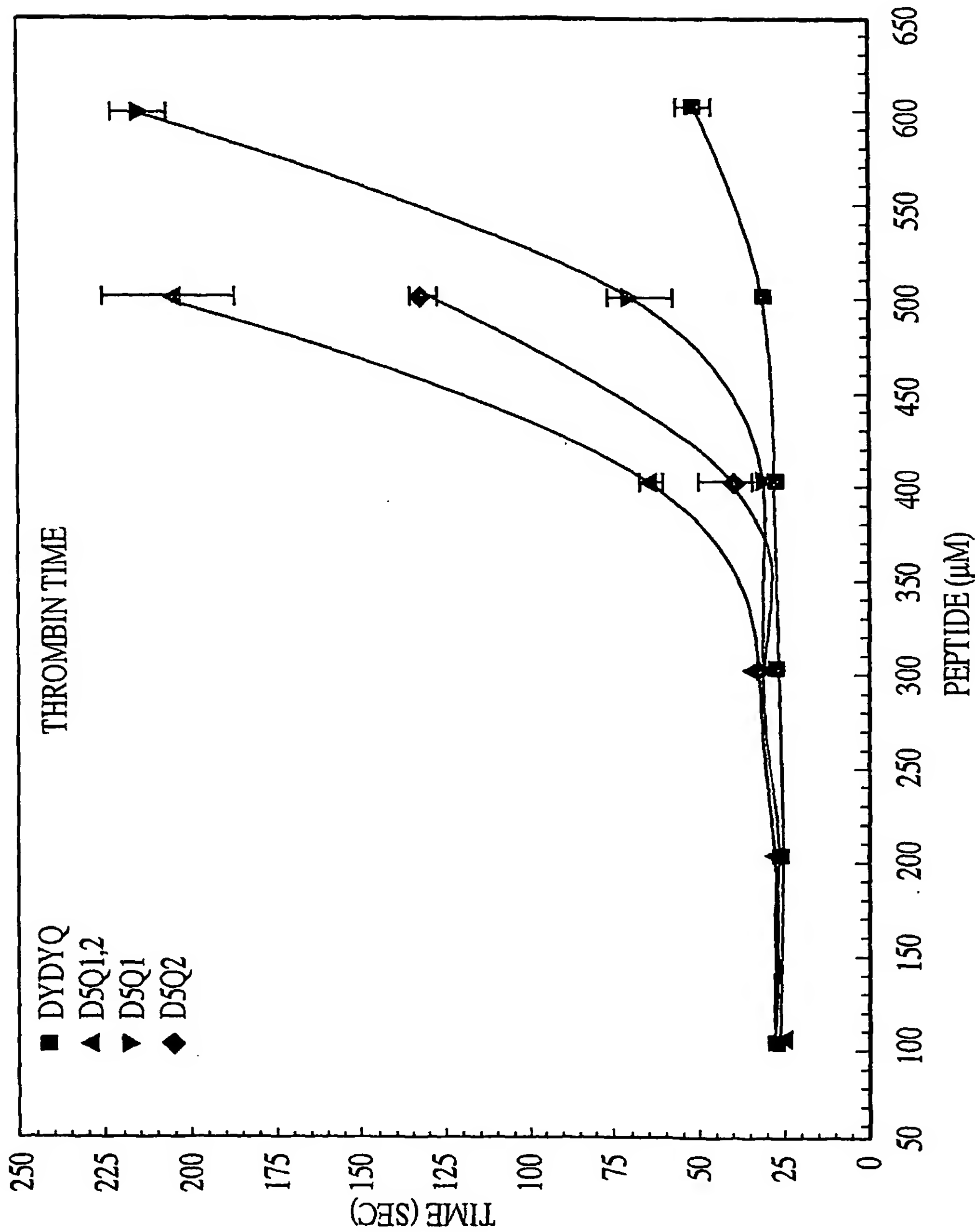


FIG. 12

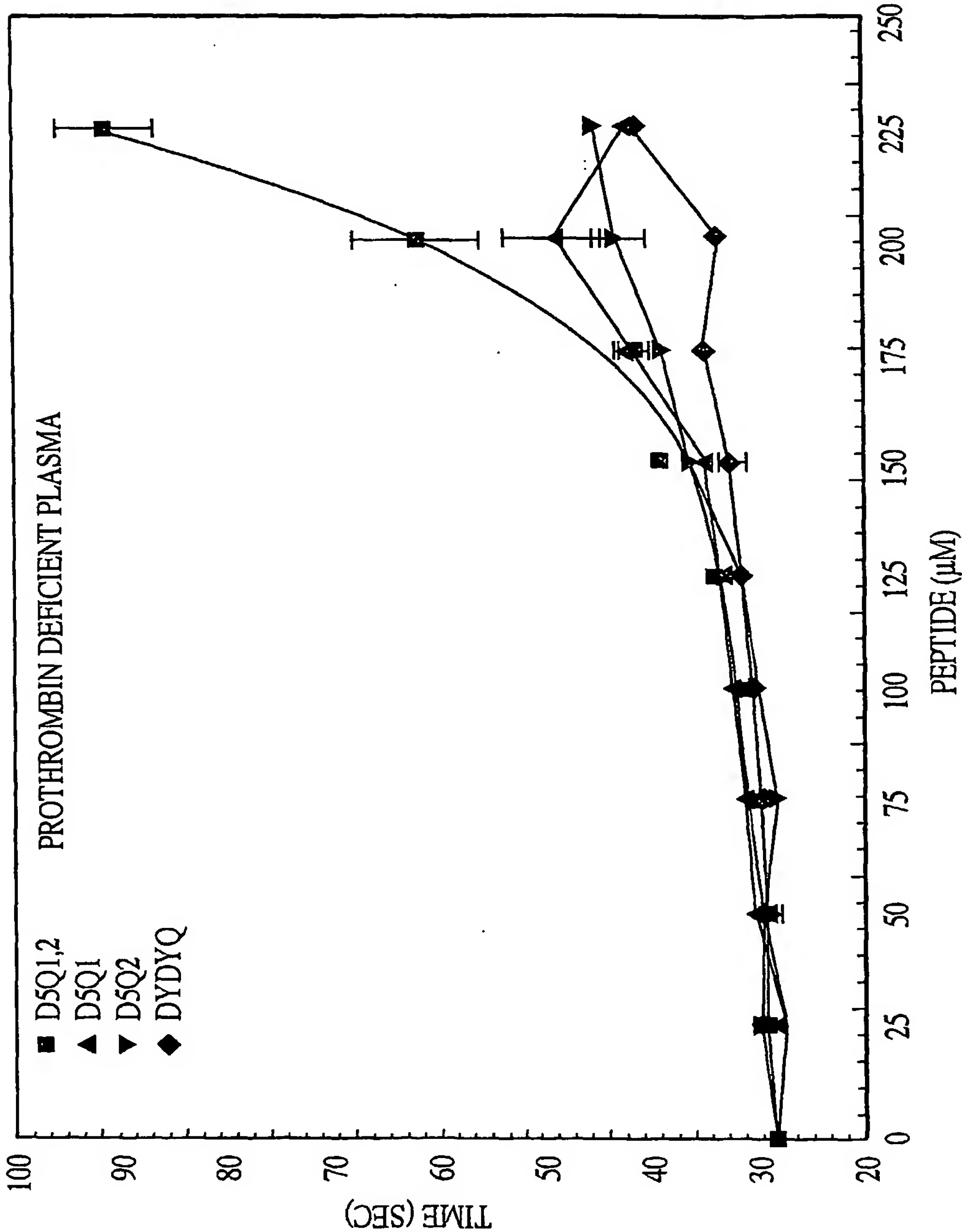


FIG. 13

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